

## **PLASTIC ENCAPSULATED ELECTRODYNAMIC APPARATUS**

### **ABSTRACT OF THE DISCLOSURE**

5           Method and apparatus for forming an electrodynamic device such as a motor  
or generator. The device is formed with an encapsulation structure which is  
developed by insert molding. A rigid pressed powder stator core and stator backiron  
subassembly with associated stator core windings is formed. This subassembly is  
the insert for an insert molding procedure developing an encapsulation structure  
10       which mechanically supports the stator structure; provides mechanical support and  
improved heat dissipation and incorporates integrally formed bearing mounts. With  
the procedure, substantially lower device costs are realized.